

## ABSTRACT

A method and device for setting up a virtual electronic teaching system with individual interactive communication is proposed. Various methods and devices for carrying out tele-teaching or e-learning sessions have been previously suggested. These methods and devices are improved in such a manner that work stations that can be freely interlinked and individual interactive communication can be set up at low cost. Towards this end, a telecommunication network is used that comprises a main distribution frame linked with an exchange (VST). An access multiplexer and/or a splitter are connected to the main distribution frame or are integrated into the main distribution frame. Analog or digital telecommunication systems (TE) are connected via an interface circuit (SS). When the connection is set up, at the transmitter end, the kind of connection available to the interface circuit (SS) is determined. A stored test information is transmitted to the remote station and a receipt, received from the remote station in the return direction, is evaluated, wherein the bandwidth available on the telecommunication system (TE) is tested. The system is particularly useful in the field of electronic teaching. --.